

AMENDMENTS TO THE DRAWINGS:

Attached as an appendix are Replacement Drawing Sheets containing revised Figures 2C, 3C, 5C, 6, 8C and 9D. Applicants have amended these figures to correct informalities according to the guidelines set forth in the Office Action. In each of these figures, Applicants have added a figure legend and made corresponding amendments to clarify the separate connections of the signal amplifiers (FE, TE(PP) and TE(DPD)) to the leads of the current-to-voltage conversion amplifiers. Further, in Figure 5C, Applicants have amended element 19 to correspond with equation (11), and in Figure 6, Applicants have correctly identified elements s14bc, s15a, s15c and s15b. Applicants respectfully submit that no new matter is added by these amendments.



FIG. 2C
PRIOR ART

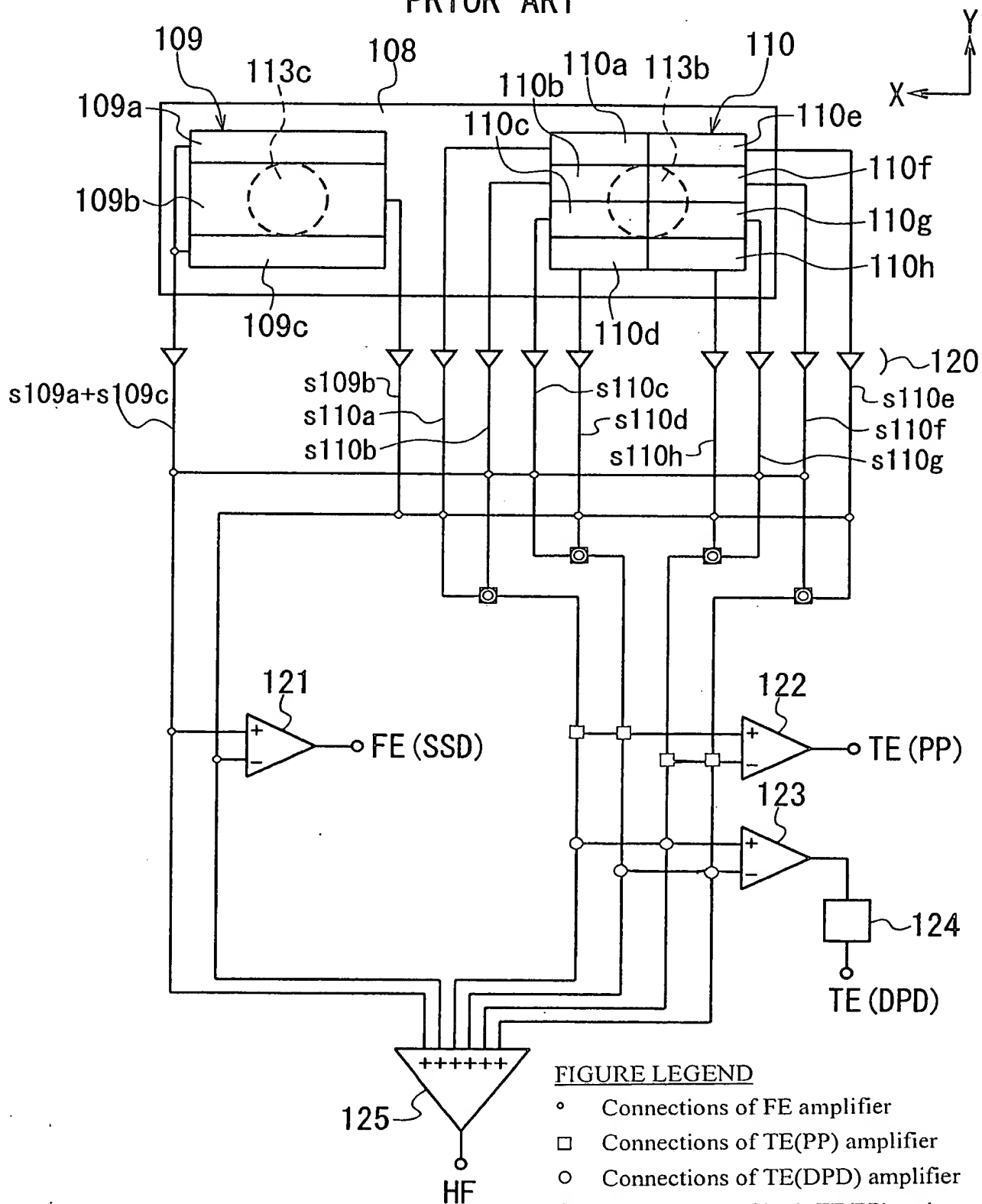


FIGURE LEGEND

- Connections of FE amplifier
- Connections of TE(PP) amplifier
- Connections of TE(DPD) amplifier
- ⊗ Connections of both TE(PP) and TE(DPD) amplifiers



FIG. 3C
PRIOR ART

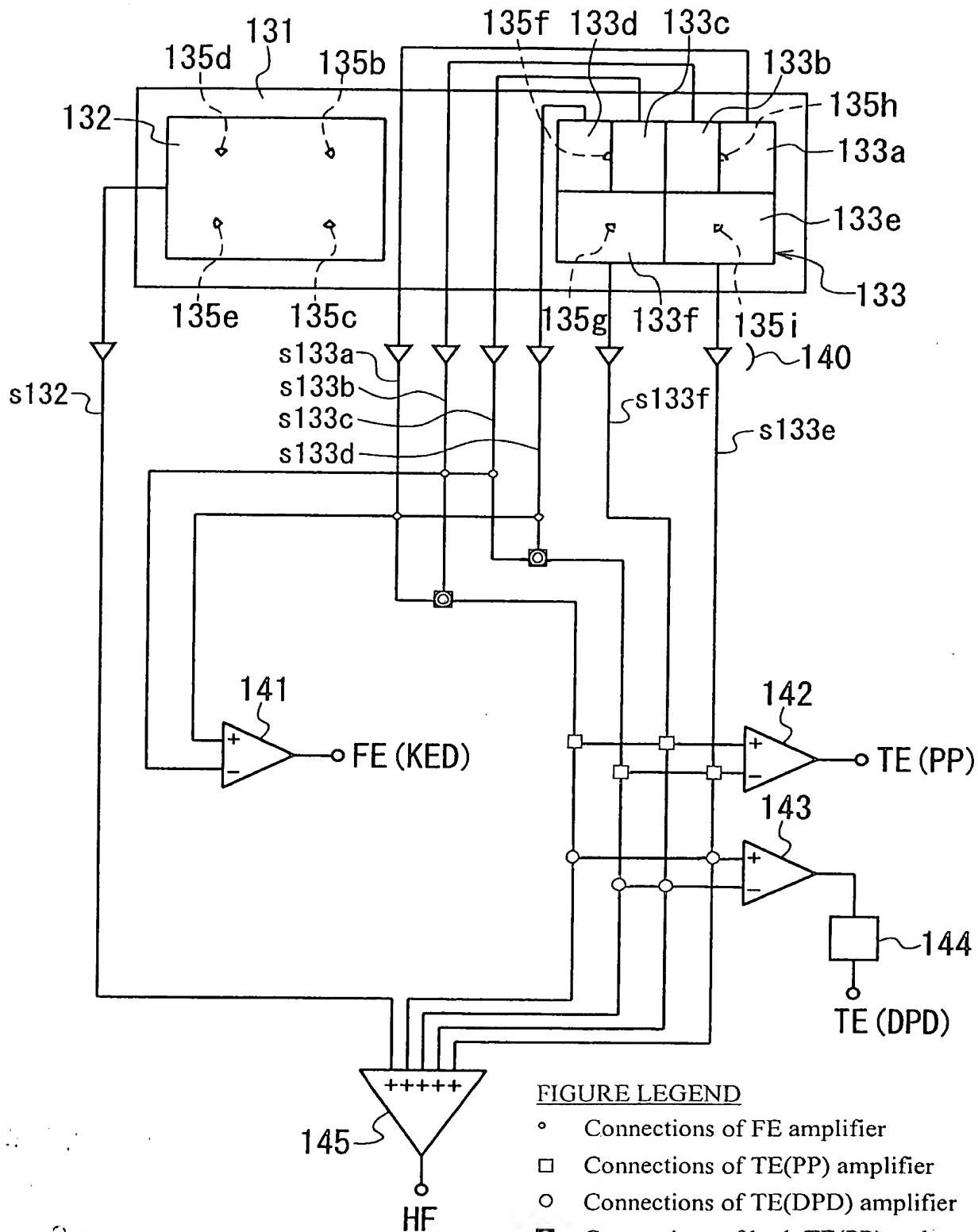


FIGURE LEGEND

- Connections of FE amplifier
- Connections of TE(PP) amplifier
- Connections of TE(DPD) amplifier
- ⊗ Connections of both TE(PP) and TE(DPD) amplifiers



FIG. 5C

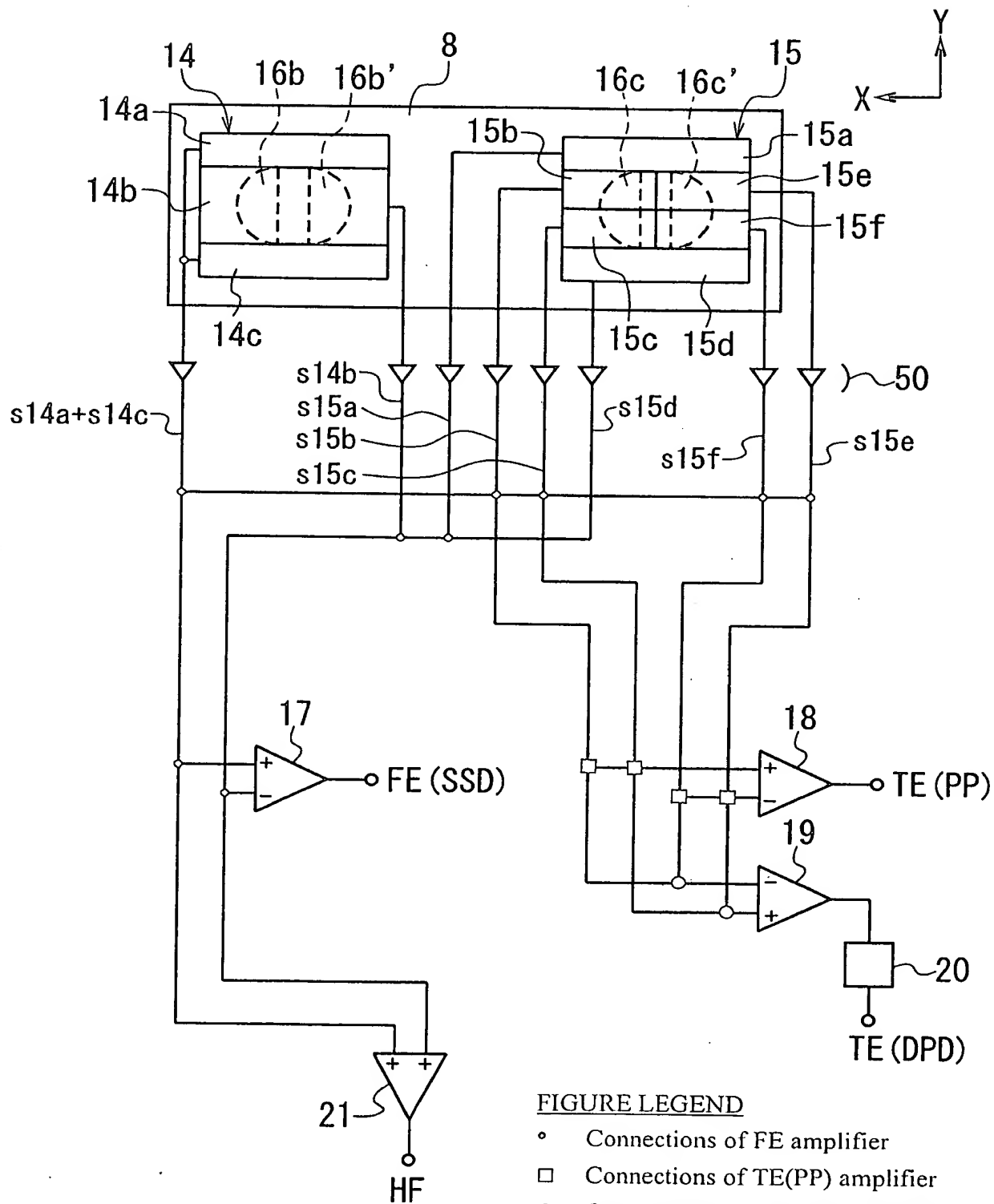


FIGURE LEGEND

- Connections of FE amplifier
- Connections of TE(PP) amplifier
- Connections of TE(DPD) amplifier
- ⊗ Connections of both TE(PP) and TE(DPD) amplifiers



FIG. 6

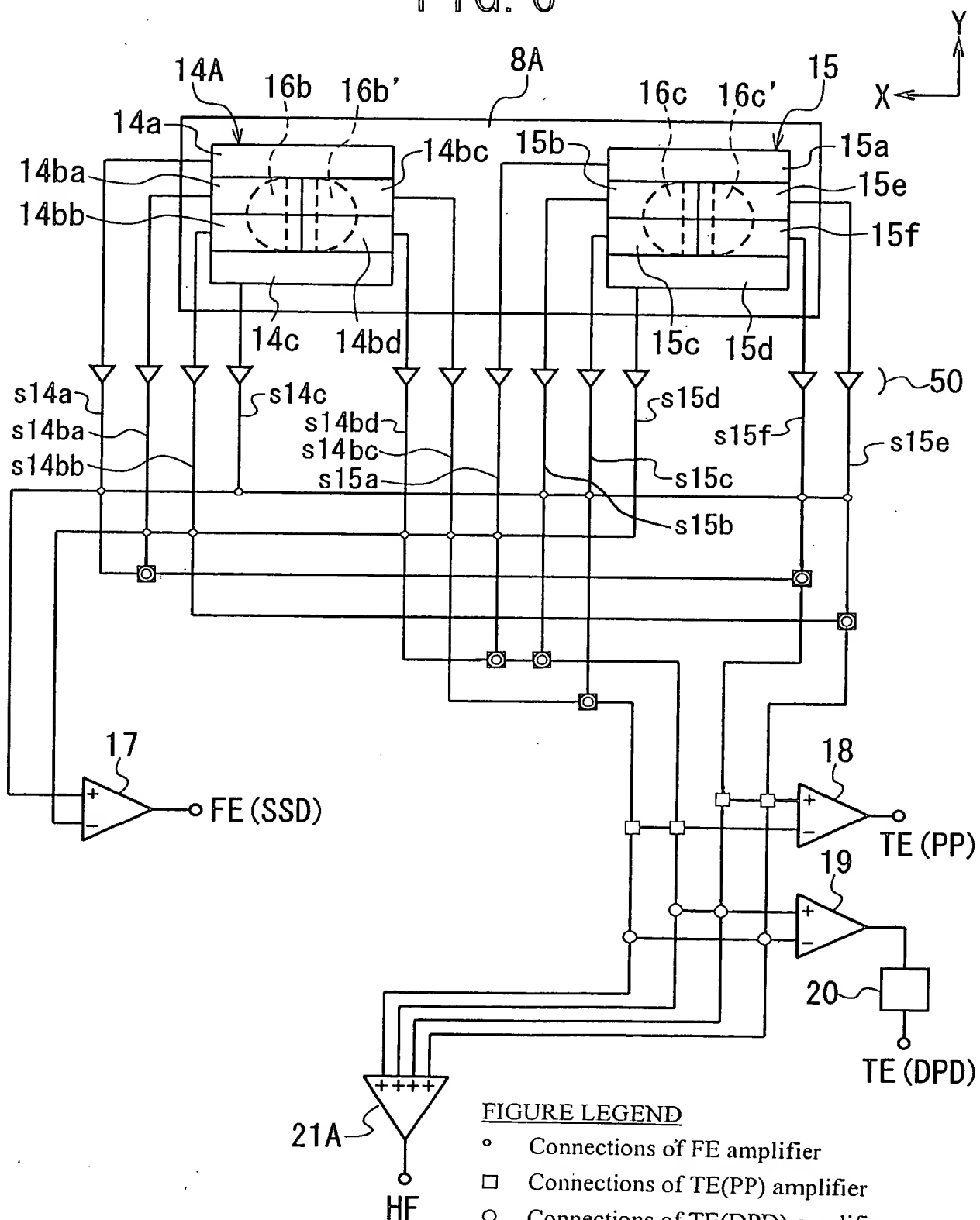


FIGURE LEGEND

- Connections of FE amplifier
- Connections of TE(PP) amplifier
- Connections of TE(DPD) amplifier
- ⊗ Connections of both TE(PP) and TE(DPD) amplifiers

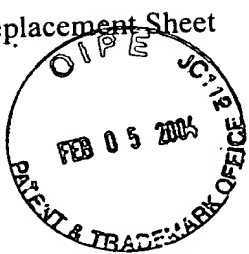


FIG. 8C

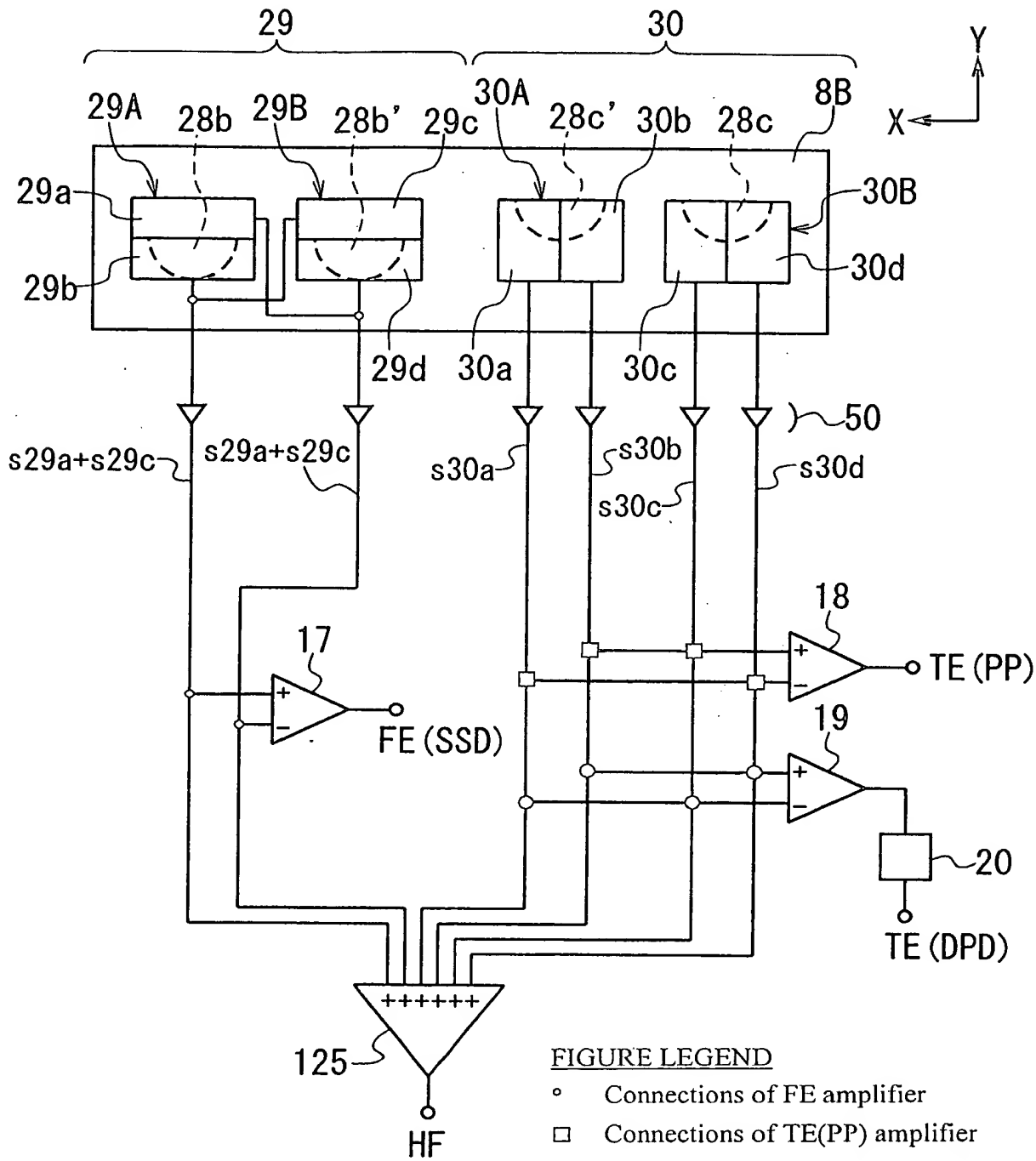


FIGURE LEGEND

- ° Connections of FE amplifier
- Connections of TE(PP) amplifier
- Connections of TE(DPD) amplifier

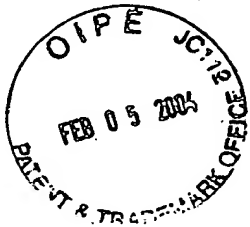


FIG. 9D

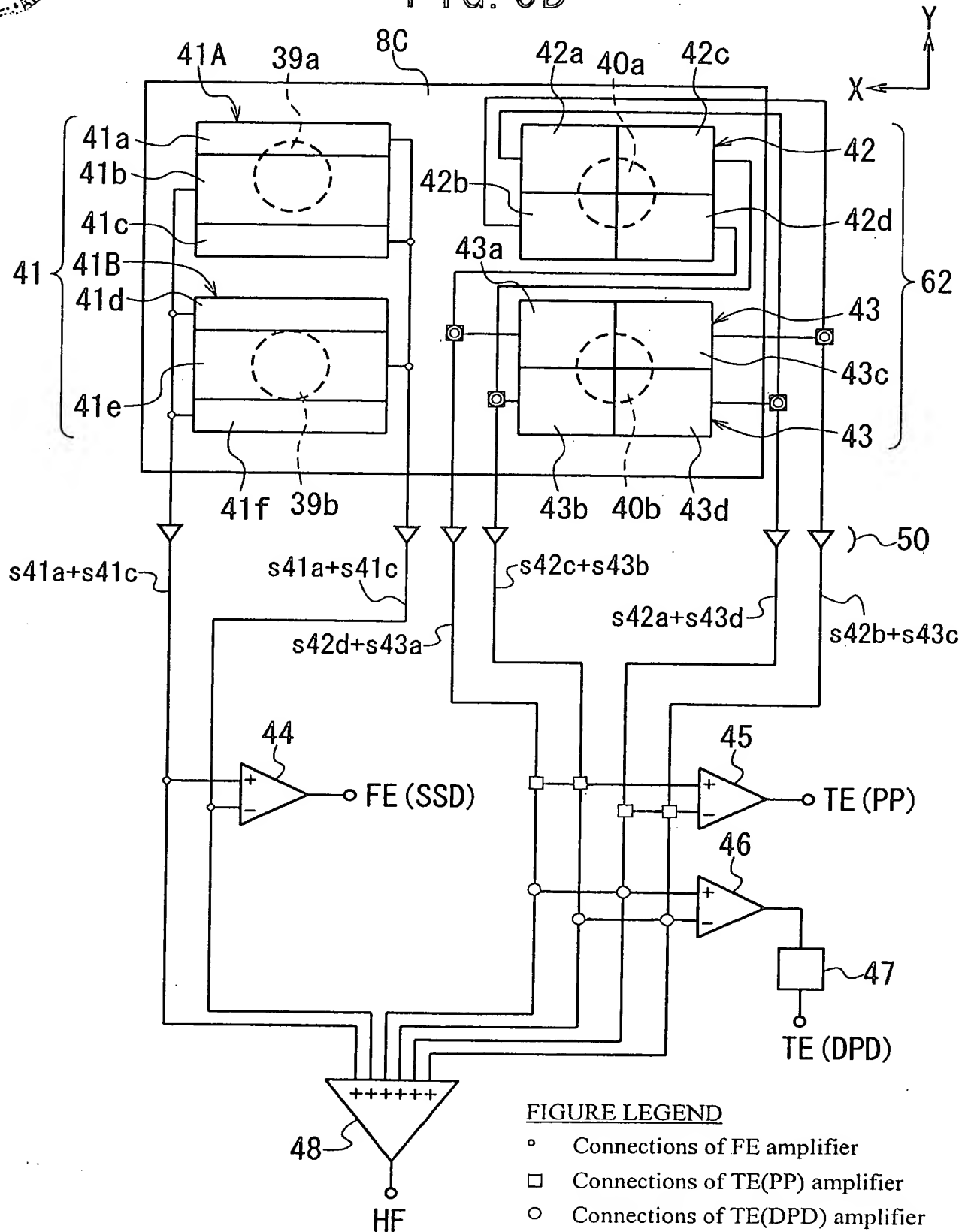


FIGURE LEGEND

- Connections of FE amplifier
- Connections of TE(PP) amplifier
- Connections of TE(DPD) amplifier
- ⊗ Connections of both TE(PP) and TE(DPD) amplifiers